ZODIAC®

MX6™ OWNER'S MANUAL

a better life

For over 100 years we have been motivated by innovation... and innovation has inspired our greatest successes. Every day we strive to supply the highest quality products... and constantly seek to develop INNOVATIVE products.

Innovation, is what we create every day... for everyone... for a better life: Because the pool is a source of PLEASURE and JOY... a place to REUNITE FAMILIES... which CREATES RELATIONSHIPS and memories... a place where time stands still. That's the magic of a pool! At Zodiac®, we manufacture more than just pool equipment... we create A BETTER LIFE.

Zodiac South Africa strives to offer world-class excellence in both products and service. Complemented by a team of dedicated staff throughout the country, we guarantee premium after sales services. Should you require assistance on your Zodiac product, need to locate a dealer near you or just wish to find out more information, call our Customer Care Helpline on 0860 ZODIAC (0860 963 422) or go to www.zodiac.co.za.

IMPORTANT INFORMATION

PLEASE READ THIS INFORMATION BEFORE INSTALLATION. ALWAYS READ THE OWNER'S MANUAL BEFORE USING THIS PRODUCT.

PLEASE SEND US YOUR WARRANTY CARD TO ENSURE YOUR WARRANTY IS REGISTERED AND RETAIN YOUR PROOF OF PURCHASE IN THE UNLIKELY EVENT OF FUTURE WARRANTY CLAIMS.

INDEX

INTRODUCTION 5

SECTION 1 – INSTALLATION 6
- Preparing your Pool 6
- Assembling the Hoses 7
- Assembling the Weir fittings 8
- Check Cleaner Flow 9

SECTION 2 – CORRECT SETTINGS 10
- Auto Weir Valve 10

SECTION 3 – CARE AND MAINTENANCE 11
- General 11
- Removing Debris from the Engine 12

SECTION 4 – PARTS IDENTIFICATION 13

SECTION 5 – TROUBLESHOOTING 14

SECTION 6 – OPTIONAL ACCESSORIES 16

SECTION 7 – THE PERFECT PARTNER FOR YOUR MX™6 17

SECTION 8 – GETTING TO KNOW YOU BETTER 18

SECTION 9 – AT YOUR SERVICE 19

⚠ WARNING

RISK OF SUCTION ENTRAPMENT HAZARD WHICH, IF NOT AVOIDED, CAN RESULT IN SERIOUS INJURY OR DEATH.

READ THIS MANUAL IN ITS ENTIRETY BEFORE INSTALLING AND OPERATING THE CLEANER.

Do not block the suction fittings in the pool, the suction opening on the cleaner, or the cleaner hoses with any part of your body.
Do not expose your hair, loose clothing, jewellery, etc, to any suction outlet fittings in the pool / spa or on the cleaner.

- Clean the weir basket, pump basket and backwash the pool filter before installing the cleaner and on a regular basis thereafter.
- Always disconnect the cleaner from the weir before cleaning or backwashing the pool filter. After cleaning or backwashing, let the filtration system run for at least five (5) minutes before re-connecting the cleaner.
- Remove the cleaner from the pool before chemical or shock treatments. Wait a minimum of four (4) hours after super chlorination before re-installing the cleaner.

Read owner's manual completely before operating the cleaner.

Do not operate outside of the pool.

Do not let children play with cleaner.

Dear Customer,
Thank you for purchasing the MX™6. It is through customers such as you that our position as worldwide market leader in pool care remains unchallenged. At Zodiac, we are constantly striving to bring the latest innovation and technology to your pool via our range of products. The MX™6 uses brand new technology which will take pool cleaning to a new level

In the event of requiring under-warranty repairs, please take your MX™6 to your closest pool shop, or alternatively please phone our Customer Care Helpline 0860 ZODIAC (0860 963 422) and we will direct you to the ZODIAC warranty agent nearest to you.

THE CONTENTS IN YOUR MX™6 BOX ARE AS FOLLOWS:

- One MX™6 Pool Cleaner
- 7 x 1.2m of Long-Life Twist Lock Hose Lengths
- One Flow Regulator Valve
- One Hose Float
- One Auto Weir Valve with 90° Elbow
- One Hose Protector
- One Warranty Card
- One Quick Start Guide

This Pool Cleaner has several patents pending.
MX™6 is a Trade Mark of ZODIAC Pool Care South Africa (Pty) Ltd.
Specifications and equipment are subject to change without prior notice.

While the MX™6 is designed for easy installation, some preliminary steps will assist the installation process.

Where possible, assembly should take place as close to the weir as possible.

PREPARING YOUR POOL AND FILTRATION SYSTEM

1) Empty the weir basket.
2) Clean the pump basket.
3) Backwash and rinse the filter until the sight glass is clear.
4) Adjust all return jets (whether your pool has one, two or more) to point downwards and towards the center of the pool so that you DO NOT see a circular water flow or ripples on the surface of your pool.
5) Ensure your water chemistry is correct. See page 11 or below for more on this.

Pool Type pH	pH	Free Chlorine (ppm)	Cyanuric Acid (ppm)	Calcium Hardness (ppm)	Total Alkalinity (ppm)
Marbelite	7.4 - 7.6	2 - 4 ppm	40 ppm	200 - 250 ppm	80 - 125 ppm
Vinyl/ Fibreglass Painted	7.6	2 - 4 ppm	40 ppm	175 - 225 ppm	125 - 150 ppm

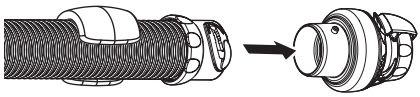
*When using chemicals, always follow manufacturer's directions and follow the advice of your pool professional. Always use protective clothing, gloves and glasses. Store and use chemicals out of the reach of children.

ASSEMBLING THE HOSES

With your swimming pool preparation complete, you are ready to begin installation.

⚠ WARNING: To avoid severe injury, make sure to turn off the pool pump prior to completing these steps.

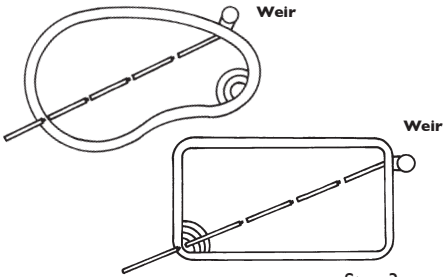
1. The hose float is already fitted on one of the hoses, connect this length of hose to the Flow Regulator Valve and twist until it locks into place.



Step 1

2. Insert the second length of hose into the pool vertically in order to fill it with water. Insert the male cuff of the first hose length into the female cuff of the second hose length, and twist until the two lock together. The hoses must connect fairly tightly. Continue attaching hose lengths until you reach the required length of your pool, submerging each hose length as you go.

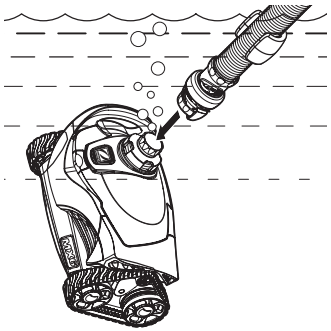
3. Required hose length: use enough hose to reach the furthest point of the pool plus add another section as shown in the diagram. (Step 3)



Step 3

4. Connect your cleaner to this length of hose by pushing the Flow Regulator Valve onto the cleaner swivel. When you hear a click, it is securely connected. Now submerge your cleaner by filling it with water ensuring all trapped air has escaped.

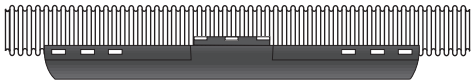
   Before connecting to the weir ensure that all the hoses are filled with water and all the air has been expelled.



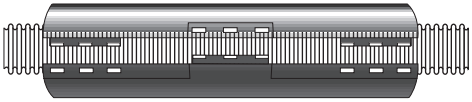
ASSEMBLING THE WEIR FITTINGS

With your hose lengths and cleaner connected, add the hose protector to the last hose which will be connected to the weir.

1. Place the hose into one half of the Hose Protector.



2 . Place the other half of the Hose Protector over the hose ensuring that the clips line up.



3 . Apply pressure to both halves of the Hose Protector until both halves clip into place.

POSITIONING THE WEIR FITTINGS

The ideal position to fit the Hose Protector is directly after the hose cuff.

Note: If the hose is connected directly to the Auto Weir Valve (not advised), position the Hose Protector approximately 10cm from the hose cuff.

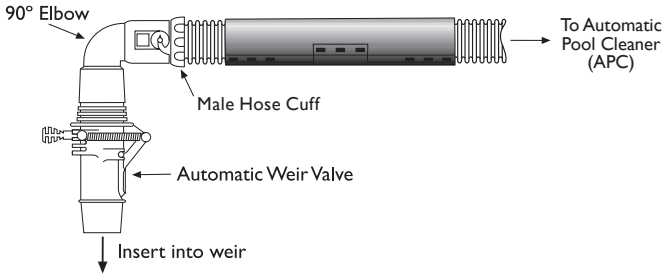
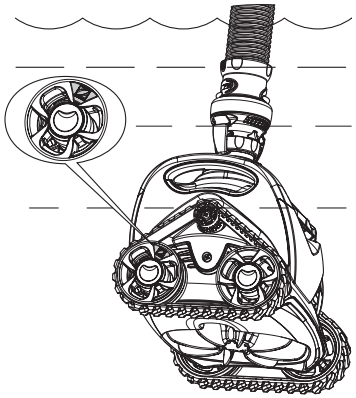


Fig. 1

Now connect this hose to the 90° Elbow and Auto Weir Valve as shown in Figure 1. Plug the Auto Weir Valve and hose into the weir. Your cleaner should begin cleaning your pool.

CHECK CLEANER FLOW

When holding the MX™6 head under water, watch the yellow wheel marker, use a stopwatch to time 10 wheel rotations.



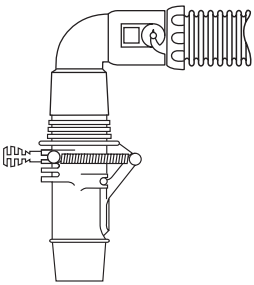
Wait for wheels to change direction, then begin counting. If wheel reverses during timing, start over.

10 rotations ..... seconds

Adjust flow as described on the next page

AUTO WEIR VALVE

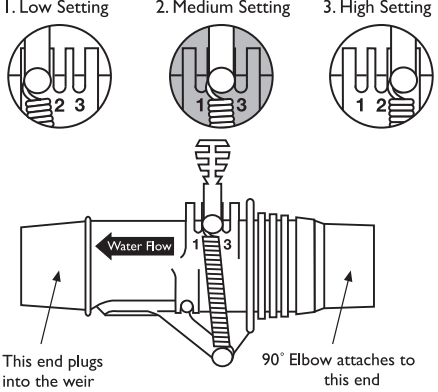
The Zodiac Auto Weir Valve is preset at the factory to obtain maximum pool cleaning efficiency. Your MX™6 is preset on setting 2. However, if you do experience difficulties, it can be manually adjusted to one of the three settings – high, medium or low (see Adjustment Settings below).



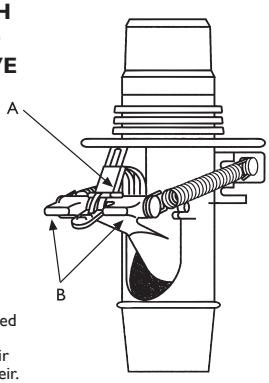
ADJUSTMENT SETTINGS

You will only need to adjust the Auto Weir Valve if the following occurs:

PROBLEM	SOLUTION
Your MX™6 Pool Cleaner is performing too fast and/ or climbing above the level of water	Reduce Auto Weir Valve to **medium(2)** or **low(1)** setting
Your MX™6 Pool Cleaner is performing slowly and/ or not climbing the pool walls	Increase Auto Weir Valve to **medium(2)** or **high(3)** setting



TURNING YOUR MX™6 OFF IS MADE EASY WITH THE AUTO WEIR VALVE



You no longer need to remove the Zodiac® Auto Weir Valve from the weir.

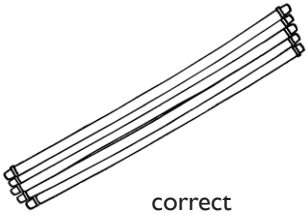
Simply depress the red pivoted arm (A), until it locks open the flow door.

To recommence Pool Cleaner operation, release the pivoted arm (A) by pressing down on the flow door (B). It's that simple!

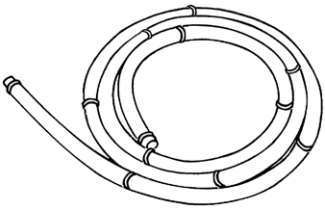
Sunlight, water and pool chemicals create a harsh environment. With care and regular maintenance your MX™6 will remain in the best possible condition.

To properly care for your unit: –

1. Remove the MX™6 from the pool before shock treatment and reinstall at least four hours later.
2. The weir basket, pump basket, cartridge, sand filter (which ever is applicable) should be thoroughly cleaned on a regular basis to ensure optimum pool cleaner efficiency.
3. Before backwashing your filter, always disconnect the hose from the weir.
4. Never "coil" the hose and always store them straight.
   Note: Your pool cleaner will discolour over time, but this will not change the performance of the unit.
5. Large foreign objects, such as toys and branches should be removed manually from the pool cleaner.



correct



incorrect

Zodiac® recommends the following water chemistry readings for optimal performance of any pool equipment:

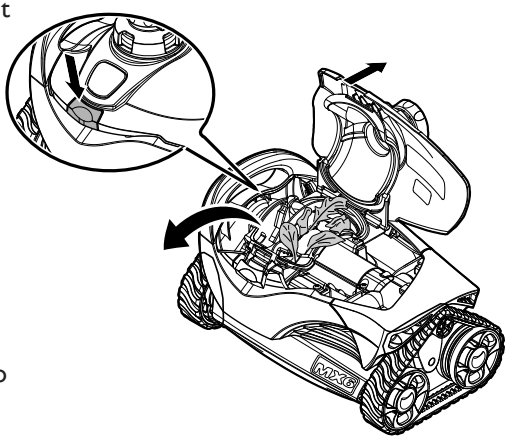
Pool Type	pH	Free Chlorine (ppm)	Cyanuric Acid (ppm)	Calcium Hardness(ppm)	Total Alkalinity (ppm)
Marbelite	7.4 -7.6	2 - 4 ppm	40 ppm	200 - 250 ppm	80 - 125 ppm
Vinyl/ Fibreglass Painted	7.6	2 - 4 ppm	40 ppm	175 - 225 ppm	125 - 150 ppm

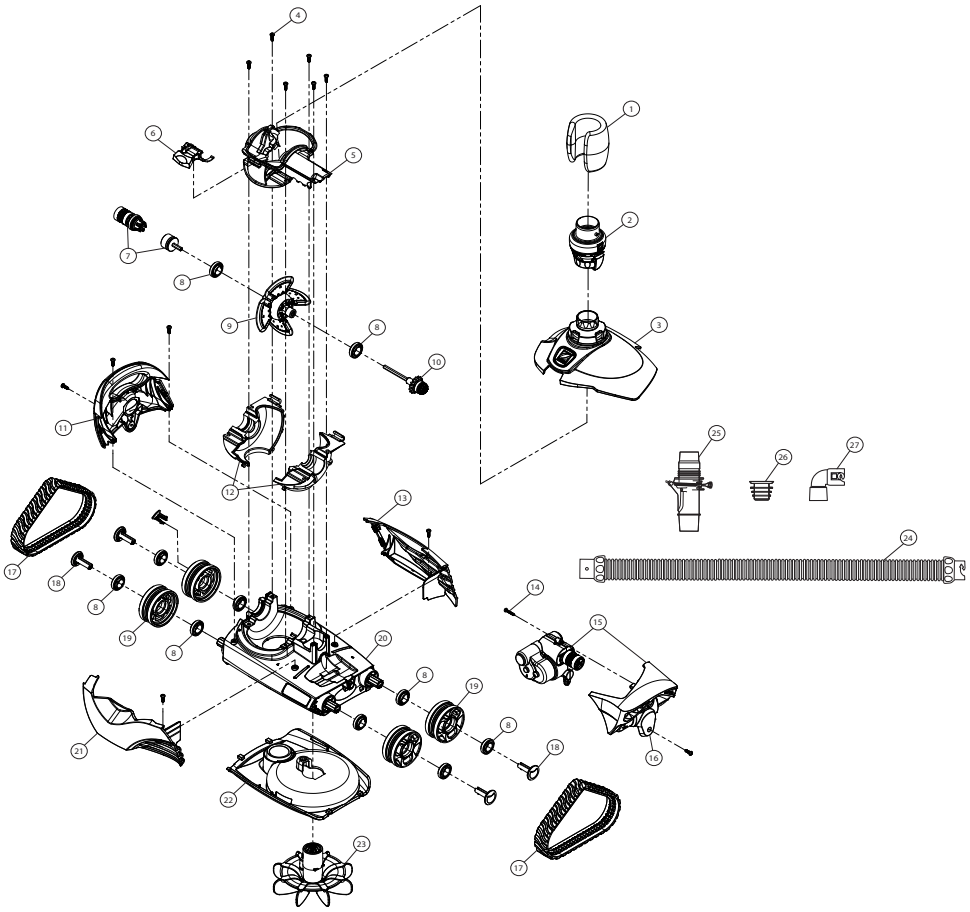
* When using chemicals, always follow manufacturer's directions and follow the advice of your pool professional. Always use protective clothing, gloves and glasses. Store and use chemicals out of the reach of children.

REMOVING DEBRIS FROM ENGINE

⚠WARNING: To avoid serious injury, make sure that the cleaner is disconnected from the hose and the suction pump is turned off prior to starting this operation.

1. Push the yellow release button on the top of the cleaner.
2. Rotate the top cover back until it clicks into an upward position.
3. Look into engine and remove debris that is present.
4. If needed, slowly push engine paddles forward and/or backwards to move stuck debris to an accessible position and then remove it. When moving the engine paddles, make sure the cleaner tracks are allowed to move freely as they will turn as the engine paddles rotate.
5. Close top cover and ensure it clicks into place.





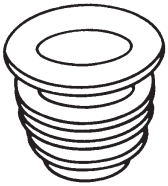
No	No Description	Qty
1	Hose Float	1
2	Flow Regulator Valve	1
3	Top Cover W/Swivel Assembly	1
4	Screw, M4x12mm, Phillips #2 Pan Head	10
5	Middle Engine HousingW/Ramp & 2 Seals	1
6	Cover Latch	1
7	Pulley Coupler Assembly	1
8	Bearing (Wheel & Engine)	10
9	Engine Assembly	1
10	Drive Shaft Assembly	1
11	Body Panel, Right (D)	1
12	Lower Engine Housing	1
13	Body Panel, Rear (B)	1
14	Screw, Thread Forming, #6-18 7/8in Type A, Phillips #2 Pan Head	1

No	No Description	Qty
15	Direction Control Device, Side A	1
16	Body Panel, Left (C)	1
17	Track	2
18	Wheel Pin	4
19	Wheel	4
20	Chassis Assembly	1
21	Body Panel, Front (A)	1
22	Lower Body Housing	1
23	Fan Assembly	1
24	Pearl Blue Twist Lock Hose - 1.2m	7
25	Auto Weir Valve	1
26	In-ground Valve Cuff	1
27	90° Twist Lock Elbow	1

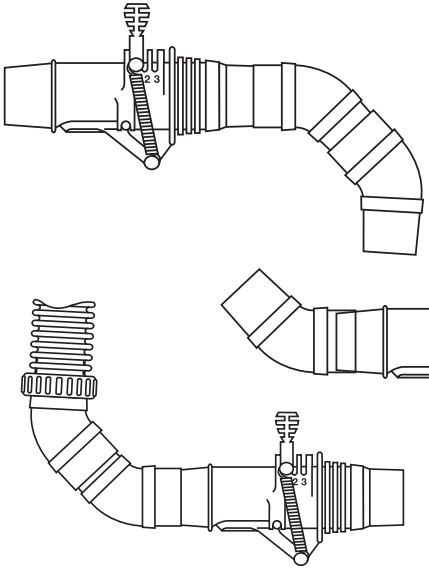
PROBLEM	SOLUTIONS
Your MX™6 does not move or moves slowly.	Check Cleaner flow to verify proper flow (pg 9). Check for debris jammed in engine (pg 12). Backwash filter and empty pump basket. Check for air in system. If the water level in pump basket drops or you see excessive air bubbles in the pump basket or coming from the return lines, there is air in the system. Check hose connections, tighten all fittings at pump and check o-ring at pump basket for wear.
Your MX™6 coverage is poor. For example, the cleaner does not reach parts of the pool and leaves large uncleaned patches.	Check Cleaner flow to verify proper flow (pg 9). Ensure return jets are directed down. Add a return diverter if necessary. (see optional accessories) Make sure hose is not kinked or coiled. Confirm proper hose length. (pg 7) Observe cleaner for more than five (5) minutes and ensure that each drive track is periodically reversing. If it is not, contact your dealer or service center for help.

PROBLEM	SOLUTIONS
Your MX™6 gets stuck at steps.	Observe cleaner for more than five (5) minutes and ensure that each drive track is periodically reversing direction. If it is not, contact your dealer or service center for help. Ensure the swivel on top of the cleaner rotates freely. Check Cleaner flow to verify proper flow. (pg 9) Confirm proper hose length. Shorten if necessary. (pg 7)
Your MX™6 won't climb walls.	Increase flow to Setting 3 on the Auto Weir Valve. (pg 10)
Your MX™6 climbs too much	Reduce the flow on the Auto Weir Valve to setting 1. (pg 10)

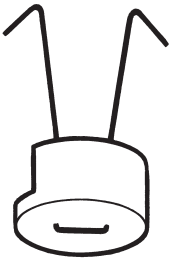
For additional assistance, contact our Customer Care Helpline on 0860 ZODIAC (0860 963 422)



1. WEIR ADAPTOR
Fits suction inlets from 40 to 60mm

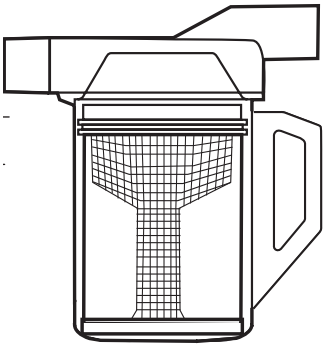


2. WEIR COMBINATIONS
Auto Weir Valve and Weir Elbows illustrating some of the different combinations that can be used.



3. AIM FLOW DIVERTOR
To allow pool cleaner to clean close to return flow.

5. CYCLONIC LEAF CATCHER™
An in-line filter which collects all the leaves, seeds, twigs and grit before they reach the weir, using an innovative vortex technology. Connects in-line with the hoses (suitable for Twist Lock and standard pool hose).



A Salt Chlorinator from Zodiac®

Installing a Zodiac Salt Chlorinator is the effortless way to having a crystal clear pool, all the time.

Zodiac® Salt Chlorinators offer both convenience and peace of mind. Innovative technology means that you are assured of quality and product excellence. Zodiac® is by, far the most widely chosen brand of Salt Chlorinator available in South Africa today.

Your purchase will ensure that you get the best of both worlds. Firstly, you will enjoy the convenience of a fully automatic product, which allows you to spend time relaxing at the poolside – perfect for a modern-day lifestyle. You will also experience the fantastic soft feeling that only a salt chlorinated pool can offer.

No more red eyes or itchy skin, just smiles all the way!

A PowerFirst Premium Heat Pump from Zodiac®

Extend your swimming season and get even more pleasure from your pool by installing a PowerFirst Premium Heat Pump.

This market-leading range of heat pumps from Zodiac utilises only the best components and materials, ensuring you total peace of mind and enjoyment of your pool.

PowerFirst Premium is not only the most energy efficient range of heat pumps available today, but also the most environmentally friendly.

At Zodiac®, we strive to give our consumers superior quality products, as well as service excellence. To help us improve, please spare a moment of your time and let us understand your needs a little better. Once you have filled in the following survey, please fax a copy to (011) 314 3486.

Title .....

Name & Surname .....

Email Address .....

Are you male or female? .....

Date of birth .....

How long have you owned your current pool? .....

Do you own any other Zodiac® products? .....

If so, which ones? .....

Which of our products would you like to own? .....

Describe how you feel about owning a pool (love it / hate it)? .....

Why did you choose to purchase a Zodiac® product? .....

Why did you choose to purchase your MX™6? .....

.....

Have you ever called our Call Centre? .....

If so, please rate it on a scale of 1 - 5

1. ☐ Extremely poor
2. ☐ Poor
3. ☐ Acceptable
4. ☐ Good
5. ☐ Extremely good

Would you like to register for Aquasense, our monthly communication filled with information, tips and trends on pool care? (If yes, state here and fill in your email address above) .....

If you are having a problem you cannot solve, mail or fax us the following information, along with a sketch of your pool shape, indicating the location of all weirs, inlets, stairs, ladders, waterfalls or any other significant features, and briefly describe the problem in the space below.

(Send a photocopy and retain this page for future use.)

Mail to: Zodiac® Pool Care SA, Private Bag X127, Halfway House, 1685
Fax to: (011) 314 3486

Name .....Tel No. .....

Postal Address .....Code.....

Serial Number .....

Purchased from ..... Date of Purchase...../...../.....

Pool Surface (Tick one): Plaster ☐ Vinyl ☐ Fibreglass ☐ Other ☐

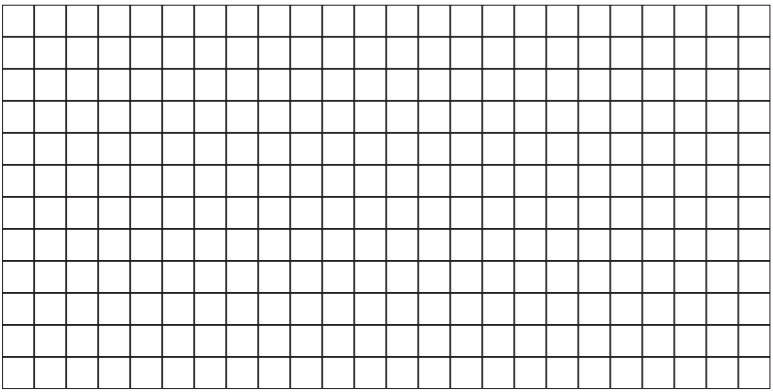
If other, please stipulate .....

Pool Size (Litres)..... Pump Size .....

Type of Filter (Tick one): Sand ☐ D.E. ☐ Cartridge ☐

Filter Size (or Model No.).....

My pool looks like this:



Briefly describe the problem .....
.....
.....
.....

Customer Care Helpline: 0860 ZODIAC (0860 963 422)

www.zodiac.co.za

ZODIAC POOL CARE SOUTH AFRICA (PTY) LTD

Private Bag X127

Halfway House

1685

Customer Care Helpline

0860 ZODIAC (0860 963 422)

www.zodiac.co.za

WARNING: In terms of Section 2 of the Import and Export Control Act of 1989 (Act 45 of 1983), it is illegal to export Automatic Pool Cleaners and parts thereof. Section 4 of the Act provides that anyone convicted of exporting Automatic Pool Cleaners and parts thereof may be sentenced to a 10 (ten) year term of imprisonment and a fine of R40 000 (forty thousand Rand).